ELSEVIER

Journal of Immunological Methods 175 (1994) 279–280

JOURNAL OF IMMUNOLOGICAL METHODS

Contents to volume 175 (1994)

Number 1 – 30 September 1994

Research reports

Purification of human basophils by density and size alone
C. Kepley, S. Craig and L. Schwartz (USA) 1

Immunization with plasmid DNA using a pneumatic gun
H.L. Vahlsing, M.A. Yankauckas, M. Sawdey, S.H. Gromkowski and M. Manthorpe (USA) 11

Monoclonal antibody EG2 does not provide reliable immunohistochemical discrimination between resting and activated eosinophils
F.L. Jahnsen, P. Brandtzaeg and T.S. Halstensen (Norway) 23

Enzyme immunoassay (ELISA) for the evaluation of antibodies directed to the CD4 receptor-binding site of the HIV gp120 molecule
J. Hinkula, M. Gidlund, C. Persson, A. Osterhaus and B. Wahren (Sweden, Netherlands) 37

Early expression of cytokines in lymph nodes after treatment in vivo with *Staphylococcus* enterotoxin B
M.J. Litton, B. Sander, E. Murphy, A. O'Garra and J.S. Abrams (USA, Sweden) 47

A fluorescent cellular adhesion assay using insect cell produced human VCAM1
J.K. Stoltenborg, P.W. Tsao, H.J. George, P.J. Bouchard, E.J. Wexler and E.A. Hausner (USA) 59

Reduction of rigidity in human activated natural killer cells by thioglycollate treatment
R.J. Melder and R.K. Jain (USA) 69

A method for labeling cells for positron emission tomography (PET) studies
R.J. Melder, D. Elmaleh, A.L. Brownell, G.L. Brownell and R.K. Jain (USA) 79

Isolation of IgG antibody Fv-DNA from various mouse and rat hybridoma cell lines using the polymerase chain reaction with a simple set of primers
S. Dübel, F. Breitling, P. Fuchs, M. Zewe, S. Gotter, M. Welschof, G. Moldenhauer and M. Little (Germany) 89

Enzyme immunometric assay for leukotriene C4
H. Volland, B. Vulliez Le Normand, S. Mamas, J. Grassi, C. Créminon, E. Ezan and P. Pradelles (France) 97

Tween 20 detaches cardiolipin from ELISA plates and makes anticardiolipin antibodies undetectable regardless of the presence of β_2-glycoprotein-I
A.R. Cabral, J. Cabiedes and D. Alarcón-Segovia (Mexico) 107

A serum-free medium for human primary T lymphocyte culture
A.L. Causey, R.M. Wooten, L.W. Clem and J.E. Bly (USA) 115

New hapten-protein conjugation method using *N*-(*m*-aminobenzoyloxy)succinimide as a two-level heterobifunctional agent: thyrotropin-releasing hormone as a model peptide without free amino or carboxyl groups
K. Fujiwara, N. Matsumoto, Y. Masuyama, T. Kitagawa, Y. Inoue, K. Inouye and D.M. Hougaard (Japan, Denmark) 123

Short communication

Alcian blue-treated polystyrene microtitre plates for use in an ELISA to measure antibodies against synthetic peptides
J. Lagacé, S. Arsenault and E.A. Cohen (Canada) 131

Preliminary communication

Human monoclonal anti-D secreting heterohybridomas from peripheral B lymphocytes expanded in the CD40 system
J.M. Thompson, J. Lowe and D.F. McDonald (UK) 137

Letter to the editors

A simpler technique for open thymectomy in adult rats
K.G. Walker, B.C. Jaques, J.R. Tweedle and J.A. Bradley (UK) 141

Announcements 143

Notes to authors 147

Number 2 – 14 October 1994

Research reports

Immobilisation of IgG onto gold surfaces and its interaction with anti-IgG studied by surface plasmon resonance
N.J. Geddes, A.S. Martin, F. Caruso, R.S. Urquhart, D.N. Furlong, J.R. Sambles, K.A. Than and J.A. Edgar (Australia, UK) 149

Streptavidin-biotin based time-resolved immunofluorometric assay for direct measurement of high concentrations of human chorionic gonadotropin (hCG)
J. Stenman, H. Alfthan and U.-H. Stenman (Finland) 161

Limiting dilution analysis of antigen stimulated IL-4 and IFN-γ production in human mononuclear cell populations
Y. Li, W.P. Stefura, F.E.R. Simons, F.T. Jay and K.T. HayGlass (Canada) 169

A sensitive new bioassay for tumor necrosis factor
T.A. Shahan, P.D. Siegel, W.G. Sorenson, W.G. Kuschner and D.M. Lewis (USA) 181

A method of purifying feline T lymphocytes from peripheral blood using the plant lectin from *Pisum sativum*
C.E. Whitehurst, N.K. Day and N. Gengozian (USA) 189

Quantification of superantigen induced IFN-γ production by computerised image analysis – inhibition of cytokine production and blast transformation by pooled human IgG
L. Björk, U. Andersson, J.-M. Chauvet, U. Skansén-Saphir and J. Andersson (Sweden) 201

Measurements of proteinase 3 and its complexes with α_1-proteinase inhibitor and anti-neutrophil cytoplasm antibodies (ANCA) in plasma
B. Baslund, J. Petersen, H. Permin, A. Wiik and J. Wieslander (Denmark) 215

Analysis of diversity of T cell antigen receptor genes using polymerase chain reaction and sequencing gel electrophoresis
V.V. Yurovsky, D.H. Schulze and B. White (USA) 227

Measurement of mRNA for E-selectin, VCAM-1 and ICAM-1 by reverse transcription and the polymerase chain reaction
L. Meagher, D. Mahiouz, K. Sugars, N. Burrows, P. Norris, H. Yarwood, M. Becker-Andre and D.O. Haskard (UK, Switzerland) 237

Assessment of a positive selection technique using an avidin column to isolate human peripheral blood T cell subsets
L.S. Davis, M.J. McIlraith, T. Paecheo, B. Becker, L.M. Adix, R. Thomas, M.C. Wacholtz and P.E. Lipsky (USA) 247

A *lacZ*-based vector system for the rapid detection of V(D)J recombinase activity
B. Bühler, G. Köhler and P.J. Nielsen (Germany) 259

Simplified conjugation chemistry for coupling peptides to F(ab') fragments: autologous red cell agglutination assay for HIV-1 antibodies
K.M. Wilson, B. Catimel, K.I. Mitchelhill and B.E. Kemp (Australia) 267

Corrigendum

Constructing polycompetitor cDNAs for quantitative PCR (J. Immunol. Methods 165 (1993) 37–46; 173 (1994) 133)
S.L. Reiner, S. Zheng, D.B. Corry and R.M. Locksley (USA) 275

Announcement 277

Contents to volume 175 (1994) 279

Notes to authors 281